

AMENDMENT TO THE SPECIFICATION

Please amend the specification, as set forth below in marked-up form.

Beginning on page 25, line 24:

The method of utilizing the marks 120a and 120b previously provided to the eye E may be applied to LASIK surgery. In the LASIK surgery, a corneal incision apparatus called a microkeratome incises an epithelium in a layer to prepare a corneal flap while one end of the cornea is left, and provides the laser irradiation onto a corneal stroma after the corneal flap is opened. When the corneal flap is opened, the incised surface becomes rough, so that the detection of the iris image becomes difficult, as in the case during the laser irradiation, ~~as well as that during the laser irradiation~~. Therefore, the iris image and the images of the marks 120a and 120b are detected from an image of the anterior-segment before the corneal flap preparation or that in a condition where the prepared corneal flap is temporarily put back on, and as in Fig. 8, the positional relationship of the direction in which the marks 120a and 120b when the patient's position is in the measurement state are to be positioned with respect to the laser irradiation optical system in the surgery apparatus 200 is kept stored. The detection of the torsion error thereafter is performed based on the marks 120a and 120b.